fabric, printed in various colors, after elaborate designs, and the operation requires great skill in its application. Like many of the ancient arts, calicomade. Calico printing was introduced into England, in the seventeenth century, by French Hugenots. The formed by machinery, at a very triffing cost: and since the application of modern ingenuity to the production of calico, it has become an almost indispensable article for women's wear in all commercial countries.

The colors of beautiful prints can only be made fast by the use of mordants which have a perfect affinity for the article which is being dyed. The most elegant prints made are the brilliant English and French chintzes. which withstand the action of water and sunlight without changing color. These prints are also very durable: but the French goods are the most highly prized, and the combination of colors exceed those of any other nan-ufactured in the world. The immense manufactories of France owe their celebrity to Oberkampf, who, about the year 1759, founded an establish ment for printing calicoes in the Valley of Jouy, near Versailles.

Of all woven fabrics, wool has the most perfect affinity for coloring matter, while silk ranks next. Cotton and flax retain their colors only after undergoing careful indirect applications that produce a chemical union between the article to be colored and the coloring matter. Indigo will impart its color to cotton without such indirect agency; but this is a quality possessed in real perfection by no ther known dye.

woven with sixty-four threads to the inch each way, and are described as 64 by 64 in market quotations. Some cloth is only fifty-six by sixty. The finer qualities range higher, and the coarser lower, corresponding to the number of threads to the inch. This cloth is prepared for the subsequent imprint by first being singed. A web of cotton cloth is passe,' rapidly over the surface of a red-hot cylinder, with the nap against the hot surface, which ensures only a tolerable singing. A much better result is obtained by passing the cloth rapidly over a surface of burning gas-jets. A jet of steam thrown across the web, as it comes from the singer, prevents any ily cradle. accident from fire. Bleaching follows the singing, and this is performed by means of chlorine, which renders the cloth perfectly white; when washed and dried, the cloth is ready to receive the imprint. Owners of print factories buy those white cloths and color them at their mills by a process very similar to that employed in printing paper. The design is engraved on a copper cylinder, and for each distinct pattern and color there is a separate roller. The mordant is applied to the coloring matter, and the cloth is then brought in contact it slipped my memory." with the engraved plate, and the product is calico. The cloth receives a separate impression for every different color; but it passes from one cylinder to another very rapidly. The different impressions are quickly made. Table-spreads, with intricate

The most noted print factories in this country are situated in New England and Pennsylvania. Those in the latter State are in the vicinity of Philatter State are in the vicin branches of industry of that section. Immense works are also located at have an extensive reputation throughout the United States and other countries. At Lowell, Mass, is the well els! known Merrimack Print Works, and at Lawrence, the celebrated Pacific Mills. The Manchester Print Works at Mancnester, N. H., are also a well interest of that city.

New York is the principal market for the distribution of calico of Amercases of these goods at a time, in or- rating its joints, and exclaimed against | will hasten its coming. der to supply the demands of their the man who had sold him an old hen

## Tribute to Women.

The following elegant extract is from a speech delivered by the late planted in our town." Hon. Pierre Soule, on the bill authorizing women to act as sole traders. It does honor to the heart and the head up. of the elequent and chivalrous son of Louisiana. We do not remember to have ever read a truer tribute to a better portion of humanity, at once so just, so discriminating, so beautiful and so affecting. Monsieur Pierre Soule was evidently speaking with more than gallantry of the Frenchwoman, and in the spirit of a noble and elevated man when he uttered the fol- teth after a "lovely woman:" lowing truthful and glowing senti-

the young men of the country: many married men in California- honor assumes. their faithlessness to every vow which dustrious, faithful and patient women are imposed upon by worthless brutes

tresses to decorate the back of the live calves in ten months and twentyfour days. The night that they were born being very cold, one of the trio we have found excellent, not quite so of husbands, as great tyrants at home as drankards and debauched abroad, in taking upon herself the Grecian day. The Cow is Durbam. The sire but earing well—both ears and graias of my respect for the sex prompts me to bend has brought into ill favor and of the twins (both bulls) was a Jersey | good size. do all within my power to protect her disrepute." rights and secure her happiness.

I love woman; I have loved her all my life; through boyhood, youth manhood and mature years. 1 expect to love her all my life, and dying, to be found faithful to the same high and

this upon others. rule is as powerful as the ballot-box; and she only needs the protection of law against those who have no law in their habits and propensities. She has ruled from my boyhood with the has ruled from my boyhood with the soft and winning influence of her virsoft and winnin

my first lose; my baby affections at four years of age. I have been in Calico printing is an art that has come down to us from antiquity. The Chinese, the Egyptians, and the natives of India understood the art of dying cotton cloth by the use of mordants, long before the nations of Europe had either a history or a name. The name calico is derived from Calicut, in India, where printed muslins were manufactured at a remote period, and from whence they were first exported to Europe in 1631. Herodotus tells us that a people living on the

printing was in the first instance performed by hand, and the assistance of engraved blocks of wood. A tedious and laborious process at best; it made a pressure of trical and a pressure that the blood is forced out, amounts to a column of blood 9.923 feet in verticle engraved blocks of wood. A tedious and laborious process at best; it made the cloth a very costly article. In those early days only wealthy people could afford to wear the fabrics thus made. Calico printing was introducratio of 13 to 5. His calculations show that the daily work done by the left ventricle is 89.706 foot-tons, while manufacture at the present day is perthat done by the right ventricle is that done by the right ventricle is 34.502 foot tons, so that the total daily work of the heart is equivalent to a time they sip their cold milk and eat the excellent butter. The following illustrations will cun-ble our readers to appreciate this enormous force more fully:—1. Three lar, that you may all have your own old women, sitting beside the fire, al-ternately spinning and sleeping, do more work by the constant beating of their hearts than can be done in a day by the strongest "navy." 2. No labor is regarded as more severe than that the muscles employed during a boatrace : and yet their labor is only threefourths of that exercised day and night during life by each of our hearts. 3. than is shown in the arrangement of the Let us suppose that the heart expends horse's foot. There terminate the varithat it could raise its own weight 19,754 feet, or nearly four miles, in one neur. An active mountain-climber can lift his own body at the rate of 1,000 feet per hour, which is only one-twentieth part of the energy of the heart. When a prize was office the heart. When a prize was officer in the ground, and not with regard to incoming against the ground, and not with regard to incoming against the ground, and not with regard to incoming against the ground, and not with regard to incoming against the ground, and not with regard to incoming against the ground, and not with regard to incoming against the ground, and not with regard to incoming against the ground, and not with regard to incoming against the ground, and not with regard to incoming against the ground. fered some years ago for the locomotive Alp engine that could lift its own one hour, it was gained by the "Ba-varia," which lifted itself (Professor The direction and arrangement of the don't know) through 2,700 feet in an

#### quainted .- Harper's Weekly HI MORS OF THE DAY.

A Watch-word-Tick. Noisy Infantry-Babes in arms. Legal Notice-A lawyer's sign. The best bread man is a baker. Agricultural Mending - Potatoe

New Name for Weaning Babies-Bottle Imps. How to get a foot-hold-Take a

Hush Money-The price of the fam-

Why is sugar made in the old style preferable to that made in the new style? Because it can't be beet.

come home and forgotten that lard." "Really, mother, it was so greasy that

alw y wrong, but they are generally miss-placed. "Ticket, sir?" said a rallroad con-

figures, very richly colored, are finisi-ed by hand process by means of engraved blocks. These goods are consequently comparatively expensive.

Sequently comparatively expensive.

The most noted print factories in th

Providence, R. I., which produce and disma, to have administered to him a and intelligent society. The "landnually vast quantities of goods which tremendons eathartie by the school- pike" hog must be traded off for the mistress, who construed physical pun- | Chester, or some other breed of equal

Says a Western paper of its rival-The editor of the Times has been presented with a cabbage head." Retorts the Times-"Certainly our known feature of the manufacturing friends are as liberal with us as the Lord was with you.'

for a young chicken.

"My dear," said the curaged man's wife, "don't talk so much about the aged and respectable Mr. B.: he plan-ted the first hill of some that when the horse shies, or show ted the first hill of corn that was the leats nervousness, nor notice it in 'I know that," said her husband, and adds: "and I believe this hen scratched it

the agencies the other day to buy a directing his ears to any point whatever, cover two or three inches; for a late sewing machine. "Do you want a or indicating the slightest disposition to feller?" inquired the modest clerk in become afra d let them. instead of pullattendance. The ingenuous maid re- ing the rein to bring the horse towards plied with sone asperity, "No sir, I the object causing its nervousness, pull have one.

A Pennsylvania Bachelor thus get-"I impeach her in the name of the ments-sentiments which ought to be great whale of the ocean, whose bones written in letters of gold, and which are torn asunder to keep her straight. we recommend to the perusal of all "I impeach her in the name of the

they made at the altar-how com- horse, whose tail she has perverted and on the 10th day of January, 1870, cumbers, okra. tomatoes, egg-plant &c., pletely they fail in the performance from its use to the making of wavy three more, all alive and doing well— cannot be planted with any certainty of learn to exercise sound judgment on this success before April. No garden is com-

Here the old fellow heaved a sigh,

and heaved himself overboard.

## Industry.

Man must have occupation, or be inspiring seutiments. For, amid all miserable. Toil is the price of sleep the varied secenes, temptations, strug- and appetite-of health and enjoy- pertinently says: "The regret is often gles and hopes of existence, one star ment. The very necessity which expressed that weeds are increasing brighter than all others has lighted overcomes our naturel sloth is a bles- each year. If the strength of the soi and guided me onward-if ever I had sing. The whole world does not conthat now goes to useless weeds could any high and noble ambition, the ex- tain a brier or a thorn which Divine be turned into remunerating crops, it citing energy has been in the approv- mercy could have spared We are would amount in the aggregate to at ing smile coming from the eye of wo-man. And I judge her affection is can overcome by industry, than we a year. could have been with spontaneous "One reason for the increase is, cul-Gentle in her affection, yet mighty plenty and unbounded profusion. tivating a great deal of land with a through her influence, her medium of The body and the mind are improved small force, and especially the absence rule is as powerful as the ballot-box; by the toil that tatigues them. The of all previous plan in the matter of

The flym and I

and better portion of creation, against the passion, neglect and abuse of my sex. I hope the bill may pass."

The Work of the Heart.

Professor Houghton has recently calculated the total daily work performed by the human heart. He starts with the following postulates, which the physiologists will readily grant:—1. That three onnees of blood are driven from each ventricle at each stroke of the heart 2. That the hydrostatical pressure on the left ventrical and aorta, against which the blood is forced out, amounts to a column of blood 9,923 feet in verticle height. 3. That the muscular force of the left venticle, in contracting, and when of sufficient depth in the troublesome and expensive: while in the passion, neglect and abuse of sufficient depth in the troublesome and expensive: while in the other there is neither, after once of the left venticle, in contracting, and when of sufficient depth in the troublesome and expensive: while in the troublesome and expensive: while in the troublesome and expensive: while in the other there is neither, after once of the left venticle, in contracting, and when of sufficient depth in the troub the cellar through to flow thence into the cellar through to flow thence into the cellar through to flow thence into the cellar drain.

Now, as most cellars must necessarily only as a sleeping apartment. My hems lay and set in coops in the yard, made after the following plan: the flow is three feet square, the sides slatted about one foot high, and the roof and the roof and the misk ait near the same temperature at the wall always cool milk, and good, solid butter; always c

Any moderately ingenious farmer can arrange when building, and put in such a device without material ex- The nest being above the reach of pense, and confer a blessing on "Han-

location of your house, well and cel-lar, that you may all have your own spring right where you want it; and, mind my word, you will never regret it .- Cor. Prairie Farmer.

#### A Fact in Regard to Horses.

There is perhaps no more marked ex-hibition of nature's laws of adaptation Let us suppose that the heart expends its extreme fore in lifting its weight vertically. It is found by calculation that it could raise its own weight the could raise its own wiles in the suppose that the heart expends its extreme fore in lifting its weight out ducts of communication and supply, or endering it a point in the animal economy of no little importance. The extremity of the limb being of such a vital weight through the greatest height in of nature, these portions of the foot are not subject to injury any more than the

Houghton says "herself," but why a liber of the hoof prove this point, as do locomotive should be a female we don't know) through 2.700 feet in an the wall of the hoof from below, on achour. This result, remarkable as it is, count of this arrangement of the fiber, Print cloths are made in factories adapted only to that especial purpose. In this country the principal seats of their manufacture are at Fall River, Conn., and several towns in Rhode Island. These cloths are generally weven with sixty-four threads to the south of the same and of the interval of the same and of the interval of the farmer, and alderman of London, that are strong, and vigor-occasions no pain, but a nail clinched on the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the farmer's and alderman of London. This result, remarkable as it is, occasions no pain, but a nail clinched on the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the form of the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the form of ham on the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the top or side of the hoof with a ham on his farm 300 head of poultry. He says that fowls are the top of the hoof with a ham on his farm ed by horsemen. An arrangement by which the nails on a horse's foot can be clinched without using the hammer. would eventually be an advantage.

#### Snearing Sheep.

pointed. Yours truly,

proper kind of material.

to look carefully to the incidentals.

crop six to ten inches.

Kitchen Garden.

Transplant cabbages as soon as they

may grow rapidly, otherwise they are likely to be destroyed by idsects.

quitting the latter.

Georgia, Feb. 18th, 1870.

Repairs on the Farm.

A LADY READER.

To shear a sheep well, requires practice and patience. To have the sheep quiet, keep him in an easy position; to cut the wool easily and even, let the surface over which the shears are passing be kept rounded ont, and the skin drawn smooth.

My way is, to set the sheep on his hind quarters upon the floor, with his back towards the shearer. While in this po-sition, the brisket, belly, and edges of the flank and thighs are sheared. Then the paper.

At what time was Adam married?
Upon his wedding Eve.

Where did Joseph go when he was fifteen years old? Into his sixteenth year.

Operator kneels on one knee, lays the sheep's neck over the other knee, and that the team is stopped, and a hand sheep's neck over the other knee, and that the team is stopped, and a hand sheep's neck over the other knee, and that the team is stopped, and a hand sheep's neck over the other knee, and that the team is stopped, and a hand sheep's neck over the other knee, and that the team is stopped, and a hand sheep's neck over the other knee, and sheep's neck back bone, and so on to the thigh. The sheep is then laid on the broad side, the hind leg extended with shearer's hand, and the wool clipped from that and the buttock. The knee of the shear-"There, John, that's twice you have er laid over the sheep's neck keeps him quiet. The wool left while going down Stul waters" have never been so like manner. All tag locks, burs, etc., ive as since the tax on whisky. should be removed before shearing, and oung man's affections are not the floor be swept frequently to keep straw or dirt from the wool .- Cor. of

The Southern Farmer, (Memphis,) box of different sizes of bolts, with cest of wood and labor of \$10. It was a little hard upon that poor ture and comfort, books and papers, few months.

Let any farme ishment to relate simply to the bowels!

Indispensable to all desirous of being well inwalue; cows that give ten quarts of will never eat more than is good for will a day for those that give twenty; old farming tools for the better new.

Says a Western paper of its rival
Says a Western paper of its rival-In short, the life of the progressive nineteenth century, instead of the life | the farmer uses several of them, he

of the dark ages, must be the goal of can save several dollars in the course ican manufacture. Some of our lead- to carve a fowl one day, a gentleman alized; and that such teaching as we last several years.

## Shying Horses.

L. A. D., in the Scientific American the horse, and far less, punish him for it.

Allow me, having had a great deal of experience in managing horses, to add tatoes eight to ten inches apart, and cov-A blushing damsel called at one of men. Whenever they notice their horse it on the other side. This will instantly divert the attention of the horse from the object which is exciting his suspicion, and in ninety-nine cases out of a hundred, the horse will pay no more atten-tion to the object from which he will fly away if foreibly driven to it by pullmg the wrong rein.

bull imported by Maj. Thomas Harwood, of Bath. The sire of the triplets (2 heifers and 1 bull) was a cross of native and Durham; the bull calf died. The four living are now in his passession. March 7, 1870.

possession, March 7, 1870. The Country Gentleman, (Albany,

Many fears are entertained that the wheat crop in Indiana will be injured

There is to be a grand field trial of reapers, mowers, hay forks, hay rakes and other farm implements, during the approaching harvest, near St. Louis under the auspices of the Misbeing shut up once or twice, soon learn to know their own nest, and will use the same nest year after year. The nest being above the reach, of dogs, they can be left open day and night, while the hens are setting.

Young chickens require much attention, and my plan is to confine the mothers m a coop on the ground until the head of the pelt, fasten it tightly around him, and make him sonri State Board of Agriculture.

mothers m a coop on the ground,until the chicks are a week or ten days old. think you will never be troubled by feeding them five or six times a day. If at the end of that time they are his meadling with sheep again.
The best cure—powder and lead. strong enough to follow the hens well I turn them out after the dew is dry on the grass, and pen them early in the afternoon. I feed them on corn meal mixed with clabber, or sour 10 inches in hight, and weighed three

to raise either for market, or home to raise either for market, or home use. They are large, healthy, gentle, no fighters, and are just as industrious in hunting for food, as any common fowl. The hens are also large, fine layers, and good mothers. The eggs

than a pound of beef.

ing for your paper, speaks disparingly of the Brahmas. This individual A Wisconsin correspondent of the could not have gotten the pure breeds Northern Farmer writes: In many or he would never have been disap- cases where wheat has been fed to stock, great injury has been done, owing to blasted or smutted grains, Paris has recently been directed to a which it will be seen is very poison-ous. The founder, or overfeed of cidentally by a workman. A varnishwheat, is the worst possible founder. er of metals lately got his hand se-We have known pigs killed in a few The Journal of Agriculture con- hours from eating it.

tains valuable hints upon a subject The Northwestern Farmer says that which is of very great interest to John Tomlinson, Esq., of Shelby co., every farmer-the repairs on the Indiana, fatted twelve hundred dollars worth of pork on potatoes last Fall, he made a further application of his most farmers would be willing to ad- and pronounces potatoes a cheaper discovery, and, in a few days, a new These ordinarily cost more than mit, and in many cases three times as food for hogs than corn, and so far as skin was formed over the burn, and much as they need to, for the reason he could see equal, if not superior, to the hand recovered its wonted flexiger is gone to the mechanic's, if he had a few tools, and a little of the swinc.

The thrifty farmer will always lay valuable property in North Carolina, account of the gravity of their burns. aside pieces of timber of different under a new mode of treatment. Pine He varnished and cured them all in kinds, to be used for repairs. These be often finds in his woodpile, and production from a cord of wood is town of Metz was filled with stories the back is cut with clips lengthwise he lays them up where he can get along the spine. The sheep is then set up again and the other side finished in like meaning all tag leeks buts etc.

He will also have a box of gallons of black varnish, \$7.20: 100 ager of one of the largest hospitals time. He will also have a box of gallons of black varnish, \$7,20: 100 ager of one of the largest hospitals screws of different sizes, with a good gallons of wood acid, \$5; and 42 here sent for him, and desirous of screw-driver and several gimlets .- bushels of charcoal, besides consider- testing the accuracy of the reports, in-That first and last of all carpenter's able inflamable gas; but besides this, trusted him with two patients who tools for the farmer, the drawing- the product has a market value of were dangerously burned. He covknife, will be at hand; also a little \$2.50; all of which is obtained at a ered them over with his varnish,

"My face is my ticket," replied the of "Investments Becoming a Farmer," eights to seven-eights, and three ausust the whole aim says that in other years the whole aim gers, one inch, one inch and a half and your havat all. How would you like to of the establishment. The wounds access to salt. Keep a box in some upon, who accordingly applied his Let any farmer who has been ac- dry place in yard or shed, where stock remedy to the spot which the nitrate customed to run to the shop for every little repair, supply himself with such things as we have named, and do his the box supplied with sali, and cattle relief, and, after a short detention

## How Much Grass Seed to Sow Per Acre

Then there are the harnesses. If As the number of pounds in a bushe every Soutaern farmer's ambition. | of the year by having on hand two or | of seed varies in different States, I shall However brave these words may be, three awls, a shoe-knife, a ball of shoe- designate the amount to be sowed by we believe that the Utopia they tell thread and a ball of wax, all of which the designate the amount to be sowed by quarts, instead of pounds, there being thirty-two quarts in a bushel in every will come three being the property of the pr AN OLD CHICKEN.—In attempting of will some time be in a measure re- will cost less than a dollar, and will State. No man can lay down a rule which will indicate the most proper found considerable difficulty in sepa-have quoted is among the means that when wheat sells at seventy-five quantity to be sowed in all places, and considerable difficulty in sepa-have quoted is among the means that when wheat sells at seventy-five quantity to be sowed in all places, and considerable difficulty in sepa-toric properties of these goods at a time, in or-rating its joints, and exclaimed against will hasten its coming. tions. Grass seed of some kinds may be sowed too thickly, although this is seldom done. Red clover may be sowed too thick for producing a good yield ot seed, as there will only be about so ma-Full crops of Irish potatoes may now e planted. Dig trenches two and a halt ny spears of grass flourish, even when the seed is sowed in great abundance.— When the seed is applied so abundantly or three feet apart; use manure containing an excess of litter-from the cow lot that there is not room for a spear to in preference to the horse stable-add grow from every kernel a portion of the young grass dies, the strongest spears leached ashes pretty freely, place the poover powering the feebler ones, and maintaining the pre-eminence over them.

When the country was first settled, our er (if you can get it) with chip manure, or something similar.-For an early crop fathers said four quarts of timothy seed

was enough for one acre. If the soil is Radishes, beets, salsify, carrots, pars-nips and mustard should be planted at to seed one acre, well, if the seed be sow-ed evenly. Unless it is desirable to raise For all root crops the ground should be spaded deep and a plenty of manure incorporated with it to consida certain kind of seed, land should not be stocked down with only one kind of erable depth, not with the surface soil merely. Plant in drills eighteen inches seed. If the soil be in good state of fertility, and seed be so on too thin, some kinds of grass will tiller, and cover the apart; sow a plenty of seed and thin out Continue to plant peas at intervals of ground tolerably well. Seed should always weeks. Towards the latter part of ways be sown thicker for pasture, than two weeks. Towards the latter part of subject without specific directions from books. However, I will state the proper quantity for general seeding, which may be varied to suit the quality of soil, or

r meadows and pastures. Three quarts of timothy, sixteen of ornard-grass, and twelve of Kentucky blue grass will seed any acre of ground

When early red clover and orchardgrass are sowed together, four quarts of the former and sixteen of the latter will be sufficient, if the soil is not too poor to produce one and a half tons per acre. When it is desirable to sow nothing but red clover, either early or late, six The Rural Register gives the following method of breaking the habit of kicking in milk cows—" Have a good short whip, and at the first kick is to eight quarts per acre will seed the ground well, if sown evenly.

When orchard-grass only is sowed, not less than two bushels will be found sufficient for one care at the ground sufficient f cient for one acre, as the seeds are large Better sow three bushels per acre, than give one smart blow ; commence milk-

Founder in Rorses.

Simple Milk Coster.

Having seen in different articles on dairying the use of ice advocated, I believe I have a simple and inexpense might be of service to some of those who are just about to commence. My poultry have given less troublesome, and a better equalizer of temperature for small families when the cellar mear each other.

It is nothing more nor less than an iron or lead pipe attached to the went in upper stock of pump, and emptying into the milk trough in the cellar, and when of sufficient depth in the trough to flow thence into the cellar drain.

Now, as most cellars must necessary.

Bany fears are entertained that the wheat crop in Indiana will be injured by frost.

A correspondent of the Mirror and Farmer mentions late cut hay as a cause of cattle gnawing boards and bone.

A correspondent of the Mirror and Farmer mentions late cut hay as a cause of cattle gnawing boards and bone.

A silk flag 36 by 20 feet, manufactured from cocoons raised in California, has been presented to the Govennor, for the new Capitol of that State.

More than one-half of the cultivable land in the central province of India is still uncultivated. There are besides 20,000,000 acres of harren land.

A St. Louis paper says wheat is suffering throughout Missouri for the hair of the hoof, lest the skin be burned. It is heliaved that if it want to fail. sides 20,000,000 acres of barren land.

A St. Louis paper says wheat is suffering throughout Missouri for want of rain. It is believed that if it continues dry much longer there will be a general failure.

Tobacco is becoming the staple crop of Spencer county, Ind. Farmers are making arrangements to plant more extensively than ever before the coming season.

A correspondent of the New England Farmer, at Fishville, R. I., writes that wens on cattle may be cured by washing them twice a day for a few weeks with strong soft soap.

There is to be a grand field trial of reapers, mowers, hay forks, hay rakes

When frying is done in a prope manner, it is not the potent breeder of dyspepsias, ill-tempers, nightmares and morbid hallucinations of many

In the bands of a skillful cook, the frying-pan is as harmless as the grid-iron, and is used to produce many delicious dishes. The first and greatest care of the good cook is to see that there is plenty of liquid in the pan, (lard or butter;) the second, that

young poultry.

I have been raising the Brahmas with much success and entire satisfaction. I bought my first pairs from Mr. Thomas Wood of Chester Co., Pennsylvania, who is a reliable dealer. He sent me beautiful, pure blooded fowls. As soon as they reached me I killed off all of my roosters, and some of my common hens. From the full oloods, I raised a number of large fine chickens. also any first pairs fine.

Agents wanted.

Soper cent profit, 200 per month guaranteed. Merchants, Mechanics and Farmers obtained the proper temperature. To learn when this has arrived, have ready two small sticks of bread, and dip them from time to time in the liquid. When the heat is enough, you will see that the bread, on being held for a few seconds, becomes of a clear brown color.

An Ohio correspondent of the contraction of the season, goes under the name of a contraction of the contractio

fry, now is your time; plunge it in, and lift the pan a little above the fire, for the heat must not be allowed to increase, or your object becomes too dark in color—it is burnt, in short. When you object is large, then you must allow the color of your bread, when you withdraw it, to be more strongly browned; for the immersion layers, and good mothers. The eggs are quite large and heavy. The chickens grow fast, are strong, and vigorous, and are ready for the table in a much shorter time than the common kinds. The flesh of both the full and best friends, consuming no end of infinite strong to the infinite store of a large object will reduce the temperature to the proper tone, and at that you must regulate it, neither allowing it to be too hot nor too cold. By attending to this you will always best friends, consuming no end of infinite store in the first of a large object will reduce the temperature to the proper tone, and at that you must regulate it, neither allowing it to be too hot nor too cold. By attending to this you will always best friends, consuming no end of infinite store.

the frying of eggs.

# Varnish for Burns.

The attention of medical men in verely burned while at work, and, not knowing what to do to deaden the acute pain, thrust his hand into a pot of varnish. The pain ceased, as if by enchantment; on the day following, his best for the victims of that calam-A pitch pine tree is likely to be ity, whose lives were despaired of on leaving a spot upon each untouched, SALTING HAY .- A correspondent of to be treated with nitrate of silver

## Injurious Changes in Flour.

leterioration in flavor, sweetness, and nutritive quality. Bergs kept various samples of flour, and found that the second and third qualities, which contained most gluten were completely spoiled, at-ter keeping only nine months, though preserved in casks in a cool, airy and dry warehouse, aitcherlech and Krocher showed that wheat, in which sugar was showed to be absent before sending it to the mill, yielded after being ground, four per cent. of it. Starch was thus trans-, formed into sugar, which could not be done otherwise than by the internal action of the gluten, aided by air and a super-abundant moisture. The matual action of the gluten, and the natural yound the narrow formalism of schools and par noisture of the flour, seem often capable at common temperatures, of slowly bringing about this injurious change. 5. Blackwood's Edinburgh Magazine But when the flour comes out hot from the friction of the stones, and is left to Quarterlies in its literary and scientific departcool gradually in large heaps, decompo-sition quickly sets in, starch is changed into sugar, and perhaps, sugar to al-cohol and even alcohol to vinegar; so that the process advances rapidly to the sourist stage. This action always takes place in the middle of the heap first, and proceeds toward the surface, the air en- For all four of the Reviews... veloped in the flour, and the heat pro-duced by chemical action favoring the For Blackwood and one Review the recommend to the perusal of all be young men of the country:

"I impeach her in the name of the perusal of all be young men of the country:

"When I reflect on the conduct of many married men in California—

"I impeach her in the name of the perusal of all be peaced, whose strut, without his perusal of the month snap beans, tomatoes, and to be cut for seed or hay. If the soil is necessary for meadow, whether it is to be cut for seed or hay. If the soil is necessary for meadow, whether it is to be cut for seed or hay. If the soil is necessary for meadow, whether it is to be cut for seed or hay. If the soil is necessary for meadow, whether it is to be cut for seed or hay. If the soil is necessary for meadow, whether it is to be cut for seed or hay. If the soil is necessary for meadow, whether it is to be cut for seed or hay. If the soil is necessary for meadow, whether it is to be cut for seed or hay. If the soil is necessary for meadow, whether it is to be cut for seed or hay. If the soil is necessary for meadow, whether it is to be cut for seed or hay. If the soil is necessary for meadow, whether it is to be cut for seed or hay. If the soil is necessary for meadow, whether it is to be cut for seed or hay. If the soil is necessary for meadow, whether it is to be cut for seed or hay. If the soil is necessary for meadow of the Reviews. 15 00 squashes may be planted, but are funding most in the centre. Flour, as the month snap beans, tomatoes, and the month snap beans, tomatoes, an dried at a low heat. The amount of damaged flour thrown int, the market is immense. Large quantities of it are due to careless and imperfect cooling. by which chemical changes are com-menced which time continues. Sometimes, to separate the bran most perfect-ly and produce the whitest flour the miller moistens the grain previously to grinding; but if such flour is packed in barrels or sacks without artificial drying, it rapidly moulds and sours. From these considerations, we infer the desirableness of procuring flour for household use freshly ground, and frequently from the mill, where that is practicable.— Youman's Hand-Book of Household

When building barns, in most localities, it is well to remember that stock need shelter more than the crops; and that hay forks and threshing machines have rendered the old-fashioned barn ing again and strike once, hard, immediately after each kick. The theory is that by this process the cow soon learns to connect the effect with the learns to connect the effect with the cause, and to avoid the former by

It soothes and cools a feverish patier

To prevent chilblains, keep the feet of children always warm and dry. They must wear rubbers out of doors, and woolen hose and thick flannel-lined shoes from fall till spring.

For chapped lips and hands use camphor ice, or pure mutton tallow put on warm. Candles are unsafe for this purpose, as they are sometimes poisoned with arsenic.

To HULL CORN .- Boil in weak lye un til the hulls begin to come off, then rinss two or three times in plenty of water, then add clear water, and boil until done FRUIT CAKE.—One cup of butter, two
of sugar, two-thirds cup molasses, twothirds cup of sweet milk, four cups of
flour three eggs, one teaspoonful of soda,
one pound of raisins chopped fine, and
nutmeg, cloves, and cinnamon to suit

vour taste. SOUR MILK MUFFINS .- One and a half pints of sour milk, three tablespoonfuls of melted butter, and one of white sugar, one teaspoonful soda, two eggs, and three pints of sifted flour. Bake in a quick oven, in cups or rings. HARRISON PUDDING .-- One cup of mo

lasses, one of sweet milk, one of suet. three of flour, two of fruit, a teaspoonful of soda, and one of cinnamon. Butter your dish, put in, and steam two hours. Serve with sweet sauce.

CORN BREAD.—One quart of milk, two eggs, one piece of butter the size of an egg, half a teacup of white sugar, a little salt, two tablespoonfuls of cream tartar. one teaspoonful of soda, half Indian meal, and flour enough to make a thick batter. Fill your pans about half full, bake it twenty minutes.

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Has given the most unbounded satisfaction to those who have tried it. Instead of the hand being left in a condition to bake after the Scraper, it is left in the best possible loose condition. We doubt whether cotton will ever get a more needed or benefical cultivating than this implement will give it, at the same time you are scraping your cotton, thus performing both operations at once.—The cultivating portion can be removed so as to form an ordinary Steel Cotton Scraper. Read the following certificate from a gentleman well and favorably known throughout he South: Maury County: bottles of Liniment in a few cases of sorer strains and bruises. In all these cases I hav

not, on any former occasion, found it surpassed.

As a paliation for rheumatism, (with which I am sorely afflicted) I have never found its superior, and very rarely its equal. I want a dozen bottles for my own use, as almost every servant I have calls for the "Goad Ointmeut," when a figure is something. COLUMBIA, TENN., June 11th, 1869. Columbia, Tenn., June lith, 1869.

Mr. W. J. Anrews:—In reply to your request to give you a certificate in regard to your Cultivator. I would say that I purchased one of Messrs, Kuhn & Turpin, for my old family servant, "Green," in whose judgment I, as well as all others who know him, have great confidence. He reports to me that fe the purpose it is the best thing he ever sav and it does splendidly. Respectfully.

W. C. WHITTHORNE. brost felt. You can make what use you choose of the above, I offer it voluntary, as a just merit to your valuable medicine. Respectfully, JOHN B. HAMILTON.

Manufactured by Messrs. KUHN & TUR PIN, Columbia, Tenn., and Messrs. HALL & SPEAR, Pittsburgh, Pa. Feb. 18, 70-tf Dr. Goad: I have tried your Liniment for 3 or 10 years, and have found it one of the best remedies for Piles, Sore Throat and Diptheria, I ever saw, and is good for Cuis, Wounds, Sprains, and all kinds of soreness, Nov. 1869. SAMUEL RAGSDE

STANDARD PERIODICALS FOR 1870

Published by the Leonard Scott Publishing Co., New York.

1. The Edinburgh Review. This is the oldest of the series. In its main

Wheaten flour becomes white with age, but it is at the expense of gradual Holland, its original founders and first contrib-2. The London Quarterly Review, which commences its 128th volume with th

January number, was set on foot as a rival t thu "Edinburgh" It resolutely maintains it opposition in politics, and shows equal vigor in its literary department. 3. The Westminster Review has just closed its 92d volume. In point of literary ability this Review is fast rising to a leve with its competitors. It is the advocate of po-litical and religious liberalism.

4. North British Review, now in its 81st volume, occupies a very high ties, it appeals to a wider range of sympat and a higher integrity of conviction.

ments, it has won a wide reputation for the nar-ratives and sketches which enliven its pages. TERMS FOR 1870-PER ANNUM. For one of the Reviews For any two of the Reviews

To Tobacco Raisers and Dealers. The Reviews are published quar-The Tobacco Trade of Louisville wishes to terly; Blackwood's Magazine monthly. Volumes commence call the attention of Farmers and dealers throughout Kentucky and other States to the great advantages this market offers for the sale of all kinds of Leaf Tobacco.

January. CLUBS .- A discount of 20 per cent, will 1 allowed to Clubs of sour or more persons, when the periodicals are sent to one address.

POSTAGE.—The postage on current subscriptions to any part of the United States, is two caxes a number, to be propaid at the office of delivery. For back numbers the postage is ing houses, Stemmeries, and manufactories in the West, the number of buyers is greater than in any market; warehouse facilities are unsurpassed; auctions are not temporary—of a few monitis duration, but continue throughout the year. The importance of Louisville as the great Inland Central Tobacco Market, is best shown by the fact that we have sold during the past season 33,420 hogsheads in public auction, and yet the supply was not equal to the demand. We needed particularly large additional supplies of Cutting Leaf of all grades from Lugs to choice. We are aware that the impression exists that our dealers are prejudices against Mason and Brackin county descriptions of Tobacco, but take this occasion to state that we desire large shipments of these descriptions of Leaf from the Farmers and County Dealers direct and our increased competition warrants us in assuring all shippers who will give our market a fair trial, the highest possible market prices for every description of Leaf. We cannot urge too strongly the careful assorting and prizing of all Tobacco—the coarse and green to itself, and the fine fibre, good cotored leaf to itself, and the fine fibre, good cotored leaf to itself, and the fine fibre, good cotored leaf to itself, and the fine fibre, good cotored leaf to itself, and the lag tobacco separate to itself. We most cordially invite Tobacco raisers eyerywhere, and especially those who have not lately given us a trial, to avail themselves of the superior advantages our market affords. Our facilities are much increased, and arrangements have been made for larger trade than any previous senson. By order of PREMIUMS .- New subscribers to any two

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Blackwood or two of the Reviews for 1869.
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applying early, obtain back setts of the Reviews
rom January, 1865, to December, 1869, at half
he entered to be stription price. Neither premiums to subscribers, nor discount to Clubs, nor reduced prices for back numbers, can be allowed, unless the money is remitted direct to the Publishers. No premium can be given to Clubs.

The January number will be printed from new type, and arrangements have been made, which, it is hoped, will secure regular and early pub-

lication.

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the public, we feel confident that in a short time it will become fully as popular as that well known remedy. B A Fahnestock's Ver-mifuge, with which we have been connected so many years. All we ask is that it has a fair trial, and we have no doubt as to the re-

fair trial, and we have no doubt as to the result.

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